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cont.*
- (a) providing the object with three independent transmitters of electromagnetic radiation;
 - (b) providing three independent receivers of said electromagnetic radiation, each of said receivers having a fixed position in the reference frame;
 - (c) transmitting said electromagnetic radiation, using said transmitters, a first of said transmitters transmitting said electromagnetic radiation including at least a first frequency, a second of said transmitters transmitting said electromagnetic radiation including at least a second frequency different from said first frequency, and a third of said transmitters transmitting said electromagnetic radiation including at least a third frequency different from said first frequency;
 - (d) receiving signals corresponding to said electromagnetic radiation, at all three of said receivers, at a plurality of times, each of said signals including components of at least one of said three frequencies;
 - (e) for each of said receivers, forming a first function of said components including said components of said signal received by said each receiver from said first transmitter at said first frequency, a second function of said components including said components of said signal received by said each receiver from said second transmitter at said second frequency, and a third function of said components including said components of said signal received by said each transmitter from said third transmitter at said third frequency, said functions being independent of a time delay between said transmitters and said receivers; and

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- (f) inferring the position and the orientation of the object from said functions.

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9. (Amended) The method of claim 7, wherein each of said signals including components of at least one of said three frequencies, the method further comprising the step of:

- (f) for each of said receivers, forming a first function of said components including said components of said signal received by said each receiver from said first transmitter at said first frequency, a second function of said components including said components of said signal received by said each receiver from said second transmitter at said second frequency, and a third function of said components including said components of said signal received by said each transmitter from said third transmitter at said third frequency, said functions being independent of a time delay between said transmitters and said receivers;

said position and orientation of the object being inferred from said functions.

REMARKS

Reconsideration of the above-identified patent application in view of the amendments above and the remarks following is respectfully requested.

Claims 1-14 are in this case. Claims 1-9 have been rejected under § 102(e). Claims 10-14 have been rejected under § 103(a). Independent claim 1 and dependent claim 9 have been amended.